



#7

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Xi et al.

PATENT APPLICATION

Serial No: 09/678,266

Group Art Unit: 1762

Filed: October 3, 2000

Examiner: unassigned

For: METHOD AND APPARATUS FOR DEPOSITING REFRACTORY
METAL LAYERS EMPLOYING SEQUENTIAL DEPOSITION
TECHNIQUES TO FORM A NUCLEATION LAYER

Supplemental Information Disclosure Statement

Hon. Commissioner
for Patents
Washington, D.C. 20231

Sir:

The following information is submitted in compliance with Applicants' duty of disclosure under 37 C.F.R. § 1.56. A copy of each reference recited below accompanies this document. Also enclosed are two (2) sheets of PTO form 1449 listing these references.

RECEIVED
JAN 18 2002
IC 1700

PATENT DOCUMENT

Patent Number

5,580,380

Inventor

Liu et al.

Grant Date

03-Dec-96

PCT DOCUMENT

Publication No.

WO 98/51838

Inventor

Rajagopalan et al.

Publication Date

19-Nov-98

NON-PATENT DOCUMENT

Kitagawa et al. Hydrogen-Mediated Low-Temperature Epitaxy of Si in Plasma-Enhanced Chemical Vapor Deposition, Applied Surface Science, pp. 30-4 (2000).

CERTIFICATE OF MAILING.

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to :
BOX Patent Application, Commissioner
for Patents, Washington D.C. 20231

Signed: _____

Typed Name: Jennifer Bonham

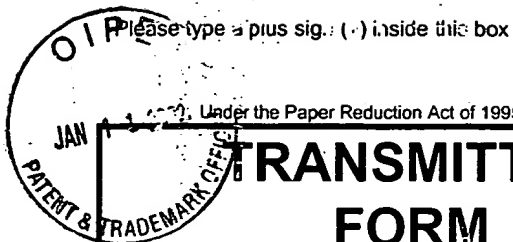
Date: _____

Respectfully submitted,



Kenneth C. Brooks
Reg. No. 38,393

Gp #1762



PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paper Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/678,266
	Filing Date	Oct 3, 2000
	First Named Inventor	Xi, Ming
	Group Art Unit	1762
	Examiner Name	Unassigned
Total Number of Pages in This Submission	Attorney Docket Number	4714P1/AMI-11

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Form 1449 with 3 references 2. Return Receipt Postcard to Kenneth C. Brooks 3. Return Receipt Postcard to Applied Materials, Inc.
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Law Office of Kenneth C. Brooks
Signature	<i>Kenneth C. Brooks</i>
Date	November 8, 2001

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: 			
Type or printed name	Jennifer Bopham		
Signature	<i>Jennifer Bopham</i>	Date	November 8, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.